

TO: Mr. J. E. Wickham  
FROM: Elizabeth Chambers

DATE: February 26, 1980

SUBJECT: HTI #5513/7079

Submitted By: J. Duggins

5513 = M9EY-2 = "Macho I" 85 Cigarettes With Minty Menthol  
7079 = M9EZ-1 = Merit 85 Cigarettes With Minty Menthol

The "Macho I" 85 cigarettes (M9EY-2) with minty menthol were different from the Merit 85 cigarettes (M9EZ-1) with minty menthol in the following characteristics: puff count, total alkaloids, total reducing sugars, tobacco weight and rod density.

	"Macho I" 85 With Minty Menthol	Merit 85 With Minty Menthol
IBM Code	M9EY-2	M9EZ-1
HTI No.	5513	7079
<u>Smoke</u>		
Butt Length, mm	35	35
FTC Tar, mg/cigt.	9.2	9.8
Nicotine, mg/cigt.	0.70	0.74
Puffs/cigt.	7.9	8.8
Filtration Eff., %	45	47
<u>Cigarette</u>		
Total RTD, in. of H <sub>2</sub> O	3.7	3.5
Static Burn. Time, min.	7.4	6.7
Length, mm	84.2	84.3
Circumference, mm	25.0	25.0
<u>Paper</u>		
Additive, type	Cit.	Cit.
Porosity, sec.	13	12
<u>Filter</u>		
RTD, in. of H <sub>2</sub> O	3.0	3.0
Length, mm	27.2	27.1
Weight, g	0.18	0.17
Tipping paper length, mm	32	32
Dilution, %	38	37
<u>Filler</u>		
Total alkaloids, %	1.88	1.66
Total reducing sugars, %	5.6	4.6
Wt. of tob., g	0.649	0.712
Rod Density, g/cc	0.229	0.250
<u>Menthol, mg/cigt.</u>		
Smoke	0.59	0.54
Filler	4.8	4.6
Filter	1.0	0.8

EC:gmm

cc: Mr. B. A. Soyars  
Dr. R. B. Seligman  
Mr. W. G. Lloyd  
Dr. W. F. Gannon  
Mr. R. N. Thomson  
Mr. T. T. Goodale  
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